

**Monica Berger**  
**Emerging Scholars Workshop Teaching Outline**  
**:00 to :05-:10**

**:05-:10 What will we learn today/do today?**

- Introduction of myself--explain that librarians are professors and researchers
  - URC Cmte
- Use chat for questions, we'll address them at the end of the session, leave time for you to do a little searching
- **ACTIVITY:** Library research is a skill that complements primary research (working in the lab, gathering survey data, creating robots, etc.) **[MB to paste Q into chat]**
  - What questions do you have about library research?
- **Workshop overview (2 slides)**
- **Show them the subject guide for the workshop as well as the subject guides by major/discipline next**
- **ACTIVITY:** ask 2<sup>nd</sup> time, What questions do you have about library research? Write into chat
- **Zoom poll re. have you taken this workshop before**

**:10-:15 Your topics**

- ask for one STEM and one non-STEM via the chat

Generating keywords from a topic—find sources and read them/scan them for learning about your topic as well as finding search terms. In STEM, you often are researching something very specific!

- Searching is an iterative process; learn every time you search
- Where you search makes a big difference and you'll get very different results

### **:15-:20 Housekeeping**

- ask them why ... Logging in from off campus – why and how *streaming TV and film services to explain paywall*

### **:20-:35 Searching library databases and citations**

- OneSearch; show it to them without full search demo, mention BOOKS if needed
  - Pick a specific one – **use ASC first and then if we have enough time, PubMed or IEEE or some other STEM database**
  - Show how to filter
  - Peer reviewed journal articles
  - explain how library resources have metadata (data about data)
  - use interlibrary loan for articles and books not available otherwise
  - What is a citation? Why do you need to cite?
  - Demo the references on a poster
  - use library products or google scholar to generate citations or Zbib.org
  - Remind about Ask a Librarian
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### **:35-:45 Google Scholar**

- What is it? Pros and cons pros - across disciplines, citations; links to repositories / preprints (pro and con); cons - only very crude filters, preprints
- Setting up library links  
menu > settings > search for New York City College of Technology
- \*getting citations from Google Scholar

### **:45-:50 Reading a scientific journal article\***

· *Some articles don't follow this type of format, e.g. theoretical work in math and physics*

- What is a peer reviewed journal article?
  - Define it
- Why peer reviewed journal articles?
- Scholarly articles reflect conversations between researchers and professors and use shared conventions and jargon as per the discipline
- Just cover the elements of a scholarly journal article

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### **:50-:00 Q&A instead of free searching time**

- **Ask a librarian**
- *Look at questions in the chat and address some of them in real time, use the questions to modify the libguide and/or otherwise improve*